

H1 Cirrus in the form of filaments, strands, or hooks



H2 Cirrus dense, in patches or sheaves, not increasing, or w/ tufts



H₃ Cirrus often anvil shaped remains of a cumulonimbus



H4 Cirrus in hooks or filaments. increasing, becoming denser



H5 Cirrostratus or cirrus bands, increasing, veil below 45 degree elevation veil above 45 degree elevation*



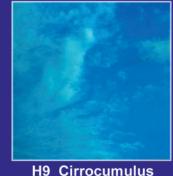
H6 Cirrostratus or cirrus bands, increasing,



H7 Cirrostratus translucent, completely covering the sky



H8 Cirrostratus not increasing, not covering the whole sky



alone or with some cirrus or cirrostratus



M1 Altostratus mostly semi-transparent, sun or moon may be dimly visible



M2 Altostratus or Nimbostratus dense enough to hide the sun or moon



M3 Altocumulus semi-transparent, one level, cloud elements change slowly



M4 Altocumulus lens-shaped, or continuously changing shape and size



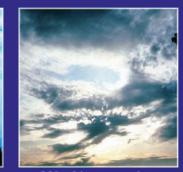
M5 Altocumulus one or more bands or layers, expanding, thickening



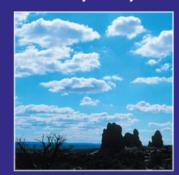
M6 Altocumulus M7 Altocumulus from the spreading of one or more opaque layers, cumulus or cumulonimbus w/altostratus or nimbostratus



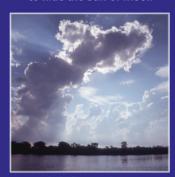
M8 Altocumulus with cumulus-like tufts or turrets



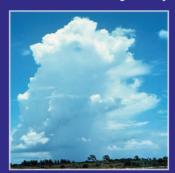
M9 Altocumulus chaotic sky, usually at several layers, maybe w/ dense cirrus



L1 Cumulus with little vertical extent



L2 Cumulus with moderate or greater vertical extent*



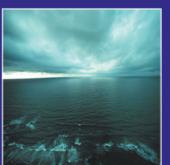
L3 Cumulonimbus tops not fibrous, outline not completely sharp, no anvil



L4 Stratocumulus from the spreading and flattening of cumulus



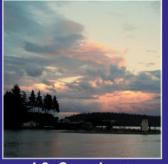
L5 Stratocumulus not from the spreading or flattening of cumulus



L6 Stratus in a continuous layer and/or ragged shreds



L7 Stratus fractus and/or Cumulus fractus of bad weather



L8 Cumulus & Stratocumulus, not spreading cumulus, bases different levels



L9 Cumulonimbus with fibrous top, often with an anvil

Base	Polar	Temperate	Tropical
Height	Regions	Regions	Regions
High	10,000 to	16,000 to	20,000 to
	25,000 ft.	45,000 ft.	60,000 ft.
Middle	6,500 to	6,500 to	6,500 to
	13,000 ft.	23,000 ft.	25,000 ft.
Low	Up to 6,500 ft.	Up to 6,500 ft.	Up to 6,500 ft.



Mammatus drooping underside of heavy, rain-saturated clouds



Tornado formed by rotation of up and down drafts within thunderstorm



Wall Cloud hanging from cumulus, possible tornado formation



Shelf Cloud leading edge of fast moving frontal system



Wave Cloud formed by strong horizontal winds over uneven terrain

Height	Major Cloud Types	
High	Cirrus (CI), Cirrostratus (CS) Cirrocumulus (CC)	
Middle	Altostratus (AS), Altocumulus (AC) Nimbostratus (NS)	
Low	Stratus (ST), Stratocumulus (SC) Cumulus (CU), Cumulonimbus (CB)	

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